



LAGNIAPPE

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Employees awarded for Hurricane Katrina efforts

NASA's Deputy Administrator Shana Dale presented 25 medals, 33 commendations and 15 group awards to employees during a March 3 ceremony at NASA's Stennis Space Center.

The awards honored those employees whose efforts helped ensure the safety of the center and its occupants when Hurricane Katrina struck Aug. 29, and their efforts to help the region recover during the months that followed.

At a ceremony held at Stennis Space Center's administrative building, Dale said the employees displayed "selfless dedication in the face of danger," and encouraged residents to continue the hard work of rebuilding the region.

"We are very much in debt," Dale said, "to the wonderful men and women of Stennis for saving us from what could have been a huge detour on the road to the planets. So, on behalf of the Administrator, I wish to extend my personal thanks to all of you who have demonstrated once again that not all of NASA's heroes fly in space."

"Despite their own losses, members of our work force joined together to not only help fellow employees and the surrounding community but also to ensure that the site itself was secure," said Stennis Space Center Director Dr.



NASA's Deputy Administrator Shana Dale addresses Stennis Space Center employees at a March 3 ceremony honoring their efforts to ensure the survival of the center and its occupants when Hurricane Katrina struck Aug. 29, 2005, and their efforts to help the region recover during the following months.

Richard Gilbrech. "Because of their dedication and hard work, Stennis Space Center is back in business and the employees are moving ahead with rebuilding their lives."

See KATRINA AWARDS, Page 6

NASA Stennis Space Center Day at the Mississippi Capitol



NASA Stennis Space Center managers and employees visited the Mississippi Capitol on March 14 for NASA Stennis Space Center Day at the Capitol.

SSC representatives thanked the legislators for their support to the center, and released information about the center's effect on the state's economy. Center Director Dr. Richard Gilbrech, members of Partners for Stennis, and Mississippi State University economics professor Dr. Charles Campbell held a news conference to present the figures detailing SSC's impact in 2005. According to figures compiled by Campbell, the center is a significant source of employment and income in the area. SSC presented exhibits in the capitol's Rotunda that highlighted various aspects of the center.

At left, Astronaut Stephen Frick speaks to members of the Mississippi Legislature during the event. With him are State Reps. Jessica Upshaw, Mark Formby and Dirk Dedeaux, and Speaker of the House Billy McCoy.

From the desk of
Dr. Richard Gilbrech
 Director,
 Stennis Space Center



I'm thrilled to return to NASA's Stennis Space Center and once again work with some of the most talented and dedicated people I've encountered throughout the agency. I started my career here working with many of you, both civil servants and contractors, and I look forward to doing so again as your center director.

A lot has been happening in the short time I've been back. We've had the groundbreaking for the NASA Shared Services Center and the Hurricane Katrina awards ceremony. We have also rolled out the reorganization for our center.

As the Vision for Space Exploration takes shape, aligning ourselves with the agency's emphasis on engineering excellence will help assure our role in supporting the Space Shuttle Program through its planned retirement in 2010 as well as position the center as a fundamental com-

ponent of the Exploration system.

Although Stennis has a rich history in rocket propulsion testing, focusing our missions on technical excellence will better position the center for continued growth. We are also organizing around the functions of the center and concentrating on rigorous project management. In doing so, we will provide consistent oversight for all projects. In addition, we are integrating the propulsion test and applied science functions to strengthen systems engineering, facility management and design and analysis.

The realignment also provides more accountability for leadership and technical positions while allowing our best and brightest employees to be assigned to areas where they can grow and develop. This will create many advancement opportunities including new supervisory and lead positions, which will be competed. This reorganization will help bring our career ladder positions to a level consistent with our fellow field centers.

Thank you for welcoming me back into the Stennis family. I look forward to the many challenges and rewarding times that lie ahead. Together, I know we will make great things happen.

Richard J. Gilbrech

Mack Herring: Stennis' collective memory

The Lagniappe has a storied history at Stennis Space Center with the first issued being published Nov. 21, 1977. Last month this column was dedicated to the history of the newsletter. This month, the focus turns to a long-running, popular feature in Lagniappe, the commentary columns by the former Public Affairs Officer, Mack Herring.

Herring, a native of Geneva, Ala., began his NASA career in 1961 as a public affairs specialist at Marshall Space Flight Center in Huntsville, Ala. At Marshall, Mack served as a ghost writer for Dr. Wernher von Braun, the Marshall Space Flight Center Director and rocket scientist whose vision took



Mack Herring

Americans to the moon. In 1963, Herring was assigned as the first public affairs officer at the Mississippi Test Operations which was later renamed National Space Technology Laboratories before becoming NASA Stennis Space Center in 1988. Herring moved to

Washington in 1969 to become the astronaut protocol officer. He held this position for two years before returning to MTO to assist in the transition from a single-purpose rocket test facility to a multiagency research center.

He returned to his role as public affairs officer at the center in 1973. Herring's knowledge of the history of Stennis made him a perfect fit when

he was assigned center historian in 1990. The ever-popular commentary columns penned by Herring featured Gator, the cartoon mascot of Stennis. Herring's last commentary, "Thirty-nine and holding ...," was written in tribute to Gator's 39th anniversary at Stennis. Herring completed the column from his hospital bed the week before his death on Aug. 16, 2000.

The Lagniappe staff at the time of Herring's death said it well when writing of his contributions in the August 2000 issue of Lagniappe: He was the keeper of our collective memory. He was the teller of our story.

In honor of Herring's writings and the upcoming 40th anniversary of the first engine test at Stennis, the Lagniappe will once again feature some of Herring's columns in upcoming issues.

Employees' efforts save Stennis Space Center test complex during Hurricane Katrina

Despite the effects of Hurricane Katrina on the region, NASA Stennis Space Center's rocket engine test stands are up to the task of helping fulfill the nation's space exploration vision.

Employees at SSC's high-pressure industrial water plant and members of a high-voltage crew who stayed at the test stands during and after the storm ran generators and kept electricity to the stands where NASA tests each of the space shuttle's main engines, and plans to test propulsion systems for future spaceflight vehicles.

"These crews demonstrated extreme dedication to their jobs and Stennis Space Center, and their hard work and ingenuity literally saved the test complex," said NASA's Miguel Rodriguez, director of the Propulsion Test Directorate at SSC. "Without their efforts, NASA's shuttle program and plans for exploration could have faced a tremendous setback."

Day to day, the water plant's employees run 10 pumps that provide water pressure to protect the test stands in case of fire, and on test days they run the water that cools the stand during space shuttle main engine firing. They also run the four diesel generators that power the stands for test firings.

"On the morning of the storm, they already had the generators up and running, so when power went out, they immediately switched over to the generators," said Dale Sewell, NASA's emergency operations representative for the test complex. "SSC never lost power at the A and B test stands."

Even more crucial was restoring electricity to SSC's high-pressure gas facility, which uses gaseous nitrogen to



NASA Test Operations Group employees, from left, Todd Pearson, Tim Delcuze and Rodney Wilkinson maintain a water pump in Stennis Space Center's high-pressure water facility. The three were part of a group of employees who rode out Hurricane Katrina at the facility and helped protect NASA's rocket engine test complex.

purge the test equipment and keep the systems dry and clean. If the underground lines lost pressure, water could seep in and lead to a major repair effort.

Immediately following the storm, the team from the water plant was joined by a high-voltage crew. All of them worked around the clock to save the test complex.

"The high-voltage crew came up with

some creative ways to make things work, while the water plant crew kept the power up and running," Sewell said.

Electricity from the generators was rerouted through the few standing power lines, and power was finally restored to the gas facility with only hours to spare.

See *EFFORTS*, Page 11

NASA Stennis Space Center reorganization

Senior leadership NASA's Stennis Space Center rolled out its plan for an administrative reorganization at the center during an All-Hands meeting held Feb. 8. The reorganization will help align SSC with the agency's emphasis on engineering excellence.

The guiding principles of the plan are to align Stennis Space Center with the agency's other field centers and Headquarters, to assure support of the Space Shuttle Program throughout its remaining lifespan, to improve capabilities by merging propulsion test and applied science technical staff and to streamline project management processes.

Architects of the reorganization also aimed to put accountability measures in place, alongside streamlined business practices and process improvements. Their aim was to help Stennis Space Center position itself to better

fulfill its missions under the nation's Vision for Space Exploration. By placing the Exploration-centered functions at the heart of the reorganization, the center will concentrate its efforts on rigorous, consistent project management and oversight.

The main changes for center personnel will be the integration of propulsion testing and applied science functions and staffs, with an eye to strengthening systems engineering, facility management and design and analysis.

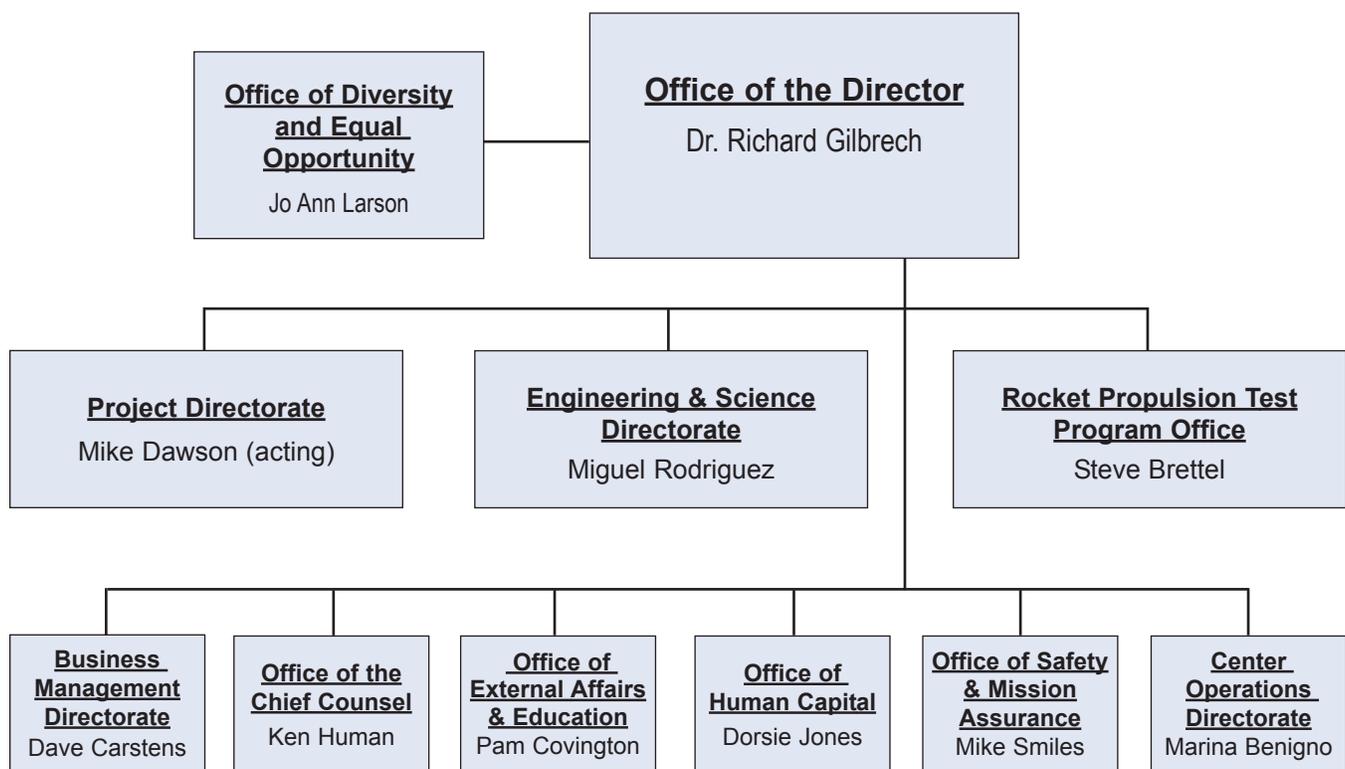
The plan aims to create better career progression and planning for the entire work force, with a focus on the technical work force. It provides more accountability for leadership and technical positions, and makes it easier for potential leaders to be placed in positions where they can grow and develop. Nineteen new or currently vacant leadership, technical

and administrative positions will be opened for competition.

The Stennis Space Center organizational management chart has been redrawn to include Project Directorate, Engineering & Science Directorate and Rocket Propulsion Test Program Office. The offices of Chief Counsel, External Affairs & Education, Human Capital and Safety & Mission Assurance, along with the Business Management and Center Operations directorates, will remain largely unchanged.

According to Center Director Dr. Rick Gilbrech, the realignment will focus Stennis Space Center's missions on technical excellence, and be better positioned for continued growth.

The reorganization is set to be fully implemented, with all personnel moves complete, by May 17.



NASA Shared Services Center breaks ground



NASA officials and elected leaders were on hand for the groundbreaking ceremony of the NASA Shared Services Center Feb. 24 on the grounds of Stennis Space Center. The NSSC will provide agency centralized administrative processing, human resources, procurement and financial services. Computer Sciences Corp. was awarded the services provider contract, and the center eventually will employ approximately 500 contractors and civil servants in the area.

At left, NASA Administrator Michael Griffin speaks at the groundbreaking ceremony with NSSC Executive Director Richard E. Arbuthnot seated at right.



Above, Louisiana Economic Development Secretary Mike Olivier, Stennis Space Center Director Rick Gilbrech, Computer Sciences Corp. President Michael Laphen, NASA Deputy Administrator Shana Dale, Rep. Gene Taylor, Sen. Trent Lott, Mississippi Gov. Haley Barbour, NASA Administrator Mike Griffin and Shared Services Center Executive Director Arbuthnot use golden shovels to break ground at the site.

KATRINA AWARDS

Continued from Page 1



Stennis Space Center recipients of NASA Outstanding Public Service Medals, Outstanding Leadership Medals and Exceptional Achievement Medals included, from left, (front row) Porter Pryor, Haynes Haselmaier, Marla Carpenter, Catriona Ladner, (back row) Alan Phillips, Ethan Calder, Victoria Brown, Ron Moore and Mike McDaniel.

NASA OUTSTANDING PUBLIC SERVICE MEDALS

"Awarded to any individual who was not a government employee during the period in which the service was performed. The award is granted for exceptional contributions to the mission of NASA."

Mississippi Space Services/Team MSS

Bennett, Cheryl A.
Brown, Victoria M.
Bush, William Kirt
Byrd, Jon Paul
Calder, Ethan W.
Carpenter, Marla A
Crawford, Eric
Davenport, John W.
Freeman, James R.
Ladner, Catriona M.
Ladner, David W.
McCord, Steve E.
McCullough, Pat
McKinion, Michael V.
Moore, Ron
Phillips, Alan M.
Pryor, Porter J.

University of Southern Mississippi

Haselmaier, Lawrence Haynes

Pratt & Whitney Rocketdyne

Geiger, David A.
McDaniel, Michael E.

NASA OUTSTANDING LEADERSHIP MEDALS

"Awarded for notably outstanding leadership which has had a pronounced effect upon the technical or administrative programs of NASA."

NASA

Gill, Stanley G.
Griffith, Donald R.
Throckmorton, David A.

NASA EXCEPTIONAL ACHIEVEMENT MEDAL

"Awarded for a significant, specific accomplishment or contribution clearly characterized by a substantial and significant improvement in operations, efficiency, service, financial savings, science or technology that contributes to the mission of NASA."

NASA

Magee, Ronald G.
Sewell, Dale L.



Stennis Space Center recipients of NASA Administrator's Commendations included, from left, (front row) Cheri Cuevas, Michele Logan, Kathy Slade, Donald Seymour, Terry Bordelon, (back row) Michael Witt, Manning Jones, Allen Price, Greg Garrett and Rodney Wilkinson.

NASA ADMINISTRATOR'S COMMENDATION

"Given for exceptional or outstanding contributions to the center's Hurricane Katrina recovery effort."

NASA

Bevis, James T.
Bordelon, Terence T.
Brettel, Stephen P.
Carstens, David J.
Cuevas, Cheryl L.
Del Santo, David J.
Irby, Gay T.
Logan, Michele H.
Miller, William Kirk
Roberts, Margaret A.
Rodriguez, Miguel A.
Slade, Kathy E.
Vander, Karen L.

Lockheed Martin Information Technology

Brumfield, William B.
Holloway, Marshall Coby
Mitchell, John C.

Pratt & Whitney Rocketdyne

Clemens, Jonathan W.
Witt, Michael J.

Paragon

DeLancey, Isaac J.
Garrett, Rene Greg

Mississippi Space Services/Team MSS

Jones, Manning
Ladner, Richard O.
Lee, Stanley G.
Oliver, Kevin A.
Price, Allen V.
Seymour, Donald
Williams, Robert

Computer Sciences Corp.

Majors, Sharlene R.
Oakes, David R.
Pitalo, John Nick

NASA Test Operations Group

Saucier, Robert Jason
Wilkinson, Rodney J.

GROUP ACHIEVEMENT AWARDS

Stennis Space Center Post-Katrina Business and Administration Team

"For outstanding teamwork and dedication, providing critical procurement, finance, and resources management support of the Stennis Space Center recovery from Hurricane Katrina."

NASA

Bell, Cabrina D.
Bevis, James T.
Bradley, Beth L.
Cuevas, Cheryl L.
Douglas, Anita W.
Dupuis, Susan D.
Edge, Jason F.
Frederick, Jeanann M.
Harris, Robert S.
Huk, James D.
Keith, David R.
Kodrin, Sharlene M.
Ladner, Sandra C.
Logan, Michele H.
Mann, Richard L.
Moore, Monica M.
Norton, Deborah S.
Parker, Penny S.
Poncet, Robert A.
Seals, Karen E.
Spence, Jennifer G.
Street, Batrina F.
Toomey, E. J.

Computer Sciences Corp.

DeCamp, Michelle J.
Martino, Deborah H.
McIver, Tammy L.
Parker, Ann B.
Rayburn, Stacey A.
Riviere, Aimee

Mississippi Space Services/Team MSS

Adcox, Rhonda S.
Antoine, Gail B.
Case, Deborah
Hultgren, Daniel L.
Lizana, Marie H.
Middleton, Sarah N.
Miller, Shawana E.
Mitchell, Pamela D.
Myers, Jennifer A.
Sprouse, Susan M.
Stockstill, Linda L.
Trepagnier, Michelle H.
Watson, David J.

Stennis Space Center Hurricane Katrina Emergency Operations Team

"For exemplary and dedicated service to Stennis Space Center in managing and implementing emergency operations in response to the Hurricane Katrina emergency."

NASA

Gill, Stanley G.
Griffith, Donald R.
Magee, Ronald G.

Mississippi Space Services/Team MSS

Amacker, Kenneth
Bennett, Cheryl
Clark, Ted
Davenport, John W.
Fandal, Warren
Lacy, Peter
Lampley, Gregory
Marsh, Hebert J. "Skip" III
McKinnion, Michael V.
Meadows, William David
Moore, Ron
Price, Allen V.
Quave, Ricky
Raine, Enoch C.
San Filippo, Dominic F. Jr.
Still, Roy S.
Walley, Ray

Stennis Space Center Post-Katrina Call Center Team

"For outstanding service to Stennis Space Center as a member of the Call Center Team that enabled accounting of SSC employees in the aftermath of Hurricane Katrina."

NASA

Catone, Denise
Giardino, Marco J.
Hall, Callie M.
Jones, Dorsie
Kodrin, Sharlene M.
Logan, Michele H.
Penton, Patricia G.
Powell, Christine A.
Slade, Kathy E.
Watkins, Toni L.

NASA Marshall Space Flight Center

Dame, Christi L.
Gentile, Susan E.
Matisak, Annie D.
Melton, Tina L.
Plank, Carolyn
Plank, Kevin C.
Smith, Tina M.

Computer Sciences Corp.

Foret, Penny L.
Guttry, Carla J.
Long, Kelly L.
Mossbrooks, Michelle S.

ASRI Marshall Space Flight Center

Motley, Lynn M.

NASA Test Operations Group

Hobgood, Barbara W.

Mississippi Space Services/Team MSS

Bailey, Michele F.
Bordelon, Nancy H.
Hill, Synthia M.

Stennis Space Center Post-Katrina Day Camp Team

"For outstanding achievement in providing an educational Day Camp experience for the children of Stennis Space Center employees, displaced from their schools as a result of Hurricane Katrina."

NASA

Herring, Dewey L.
Wallace, Katie V.

Mississippi Space Services/Team MSS

Albright, Kenneth E.
Beck, Jeanelle
Christian, Kenneth M.
Compretta, Rebecca P.
Copelan, Chris
Davies, Phyllis M.
Gaspard, Patricia G.
George, Jessica
Hahn, Holley S.
Hancock, Josh
Hill, Jeremiah W.
Lesieur, Wendy A.
Lott, Maria L.
Monde, Marjorie A.
Oshiro, Lynne R.
Reynolds, Sherrill A.
Ross, Terry
Stephan, Suzanne R.
Vanderbeek, Glen R.

Oklahoma State University

Noel, Deborah J.
Witherspoon, T. Kelly

Stennis Space Center Post-Katrina Media/Communications Team

"For outstanding service to Stennis Space Center in providing timely communications and information to Stennis employees and media outlets in the wake of Hurricane Katrina."

NASA

Bilbo, Sallie N.
Covington, Pamela G.
Foerman, Earnest Paul
Quave, Tessa L.
Strecker, Rebecca A.
Theobald, Linda L.
Webb, Myron L.

NASA Marshall Space Flight Center

Drachlis, Dave
Roy, Steve E.

Computer Sciences Corp.

Allen, Jack T.
Cooksey, Samuel Rex
Melton, Jennifer
Russell, Shelby F. Jr.
Stewart, William T.
Wilcox, Karl

Mississippi Space Services/Team MSS

Bryant, Karen S.
Oramous, Martin B.

KATRINA AWARDS

Continued from Page 7

Stennis Space Center Hurricane Katrina Facility Restoration Team

"For exemplary and dedicated service to Stennis Space Center in facility clean-up and infrastructure restoration in the wake of Hurricane Katrina."

NASA

Barnett, James
Byrd, Ronald E.
Canady, Randy R.
Clarke, Andrew L.
Harris, Richard W.
Miller, William Kirk
Witcher, Richard Kern

Mississippi Space Services/Team MSS

Alexander, John
Baker, Terri
Breaux, Tommy
Boyd, Ronnie E.
Byrd, Jon Paul
Clark, Ernie
Cospelich, Jimmy D.
Dedeaux, Michael K.
DeLoach, Keith R.
Dicharry, Herb
Fiegel, Jack W. II
Fiegel, Charles P. III
Freeman, James R.
Hyatt, Curtis L.
Jones, Manning Jr.
Jones, Tony
Ladner, David W.
Lee, Harlie
Lee, Randall K.
Lesieur, Joseph R.
Mabie, Leroy
Malley, Joey D.
Martin, Frankie K.
Michel, Christopher K.
Nabors, Jeffrey W.
Nabors, James R.
Noel, Tyrone
Cuevas, Pat
Perry, Mark W.
Phillips, Alan M.
Price, Sterling
Sampson, Rodney E.
Seymour, Donald G.
Smith, Mike
Stockstill, Kevin
Stockstill, Robert Jr.
Taylor, Robert H.
Thomas, Raymond
White, Ray
Wischer, Stephen L.

Stennis Space Center Hurricane Katrina Custodial Team

Mississippi Space Services/Team MSS

Bell, Arie F.
Booth, Deloris
Davis, Barbara D.
Dedeaux, Sandy
Henry, Carl
Keys, Bobbie
King, Marsha
Kirkland, Rose M.
Lewis, Valada
McCord, Steve E. Sr.
McDougle, Cynthia
McDougle, Hope
Robinson, Diane
Stallings, Mary
Thomas, Carla
Walker, Ramon Sr.
McCord, Robert Jr.

Stennis Space Center Post-Katrina Housing Committee

"For exemplary efforts which facilitated temporary housing solutions for Stennis Space Center employees adversely affected by Hurricane Katrina."

NASA

Douglas, Freddie
Roberts, Margaret A.
Rodriguez, Miguel A.
Vander, Karen L.

Computer Sciences Corp.

Rolison, Jennifer R.
Hallal, Charles M.
Majors, Sharlene R.
Muhsin, Mansour "Monti"

Lockheed Martin Space Operations

John, William E.
Raines, Rachel W.
Thames, Charlene E.

US Navy - CNMOC

Kent, CDR Christopher
Sadanaga, CDR Dean
Tamul, Joseph J.

Mississippi Space Services/Team MSS

Baker, Terri L.
Kirkbride, Marilyn

University of Southern Mississippi

Lohrenz, Dr. Steven
Montgomery, Robyn E.

Applied GeoTechnologies

Varnado, Sheila M.
Wilson, Donald R.

Defense Contract Management Agency

Hostler, Herbert G.
Richards, Edward B.

Dept. of Energy - Strategic Patroleum Reserve

Hilliard, Jim
Kelley, Dan

Mason Technologies, Inc.

Bond, Faye
Mitchell, Ann

National Data Buoy Center

Burnett, Bill
Schornick, Glenda

NASA Test Operations Group

Daniels, Emma M.
Vieages, Bryan

Pratt & Whitney Rocketdyne

Lorenz, Timothy C.
McMonagle, Don

Lockheed Martin IT

Bernard, Myles D.

Miss. Enterprise for Technology

Beasley, Charles E.

3001, Inc.

Maxwell, Doug

US Navy Human Resources Center, SE

Wheat, Valorie

Paragon

Garrett, Rene Greg

Planning Systems, Inc.

Jugan, Laurie

Radiance Technologies

Bugee, John

Science Applications International Corp.

Korenkiewicz, Stephen

EPA Environmental Chemistry Laboratory

Ferrario, Joseph

MSU GeoResources Institute

Corbin, Jim

Institute for Technology Development

DiCrispino, Kevin

EPA Gulf of Mexico Program

Car, Gloria

US Geological Survey

Hayes, Eugene C

Stennis Space Center Post-Katrina Information Technology and Communications Team

"For exceptional performance in the restoration of information and communication services to Stennis Space Center in the aftermath of Hurricane Katrina."

NASA

Bordelon, Terence T.
Cluff, James H.
Cottrell, Dinna L.
Irby, Gay T.
Lawshe, Emmitte H.
Penton, Patricia G.

Computer Sciences Corp.

Garcia, Hector
Malley, Richard J.
Mitros, Christopher L.
Nicholson, Lamar B.
Oakes, David R.
Pitalo, John Nick
Robshaw, Jeremy T.

SAIC - Marshall Space Flight Center

McClure, Craig D.
Raimondi, John C.

eTouch Systems (NASA HQ)

Valliere, David

Lockheed Martin IT

Allgood, James "Butch"
Anderson, Terri W.
Andrews, Ann W.
Blake, Trevor L.
Brumfield, William B.
Carnaggio, Frank S.
DiCapua, Lisa M.
Ekey, Karen
Fitzgerald, Traci D.
Frizzell, Patrick E.
Hulbert, Connie
Hoffman, Jeanne B.

Holloway, Marshall Coby
Lunt, Aaron P.
Mitchell, John C.
Spikes, Octavia M.
Stevens, James "Jay"
Waquesspack, Edgar

NASA HQ

Dunbar, Brian R.

NASA Marshall Space Flight Center

Johnson, Owen

Stennis Space Center Hurricane Katrina Cafeteria Team

"For exemplary performance providing food services to the thousands of Hurricane Katrina evacuees who sought shelter at Stennis Space Center."

Mississippi Space Services/Team MSS

Bauman, Kathy
Benjamin, Monica
Brown, Victoria M.
Collins, Raymond
Hart, Ruby
Pickett, Nell
Rogers, Sandra U.

Lockheed Martin

Lott, Gaylen

Stennis Space Center Hurricane Katrina Logistics Team

"For exemplary logistics support of the Stennis Space Center in the wake of Hurricane Katrina."

Mississippi Space Services/Team MSS

Anderson, Carolyn A.
Carpenter, Marla A.
Ceasar, Tina D.
Clements, Roger
Crawford, Eric
Forrest, Brian P.
Franklin, David
Gaudin, Mickey
Hinton, Jackie D.
Jayroe, Lori
Jones, Phillip A
Ladner, Darryl J.
Lee, Angela M.
Lee, Mark
Lee, Pamela
Lee, Stanley

Martin, Robin
 McDonald, Mike
 Nixon, Mary
 Otis, Gloria
 Porter, Gretchen A.
 Robertson, Gabriel L.
 Robinette, Charles E.
 Robinson, Ted L.
 Russell, Sarah
 Smith, Wallace L.
 Spence, Ross
 Stonecipher, Minda
 Tarter, Frances
 Thomas, Edith M.
 Wilkerson, Eugene
 Williams, Robert C. Jr.
 Marshall, John H.

Computer Sciences Corp.
 Albasini, Colby V.

**Stennis Space Center
 Hurricane Katrina
 Security Team**

"For exemplary performance and dedication in providing security services to Stennis Space Center during the Hurricane Katrina emergency."

NASA

Del Santo, David J.

Paragon

Behr, Michael S.
 Bounds, Martha J.
 Bowens, Adrian N.
 Bowman, David Kelly
 Bowman, Robert W.
 Courteaux, Eugene J.
 Delancey, Issac J.
 Delancey, Stephanie R.
 Duffrene, Gary K.
 Durapau, John P.
 Garrett, Rene Greg
 Graham, Rene R.
 Grant, Thomas W.
 Hall, Terry B.
 Herrington, Malcom G.
 Hicks, Stephen L.
 Hill, Moses O. Jr.
 Holt, Clinton A.
 Jordan, James J.
 Kinsey, Donnis H.
 Kuylen, Donald E.
 Lavergne, James E.
 Lee, Gary W.
 Martin, Gerald L.
 O'Neal, Jennifer K.
 Peterson, Ricky J.

Ragan, Jonathan B.
 Smith, Martin A.
 Spiers, Marcus D.
 Spiers, Rodney
 Turner, William L.
 Walters, Roger L.

**Stennis Space Center
 Hurricane Katrina
 Medical Team**

"For exemplary dedication and contributions to Stennis Space Center in the provision of medical, industrial hygiene, and employee assistance services during the Hurricane Katrina emergency."

NASA-Stennis

Blotzer, Michael J.

NASA HQ

Barry, William P.
 Camomilli, Guy
 Dunlap, Alexander W.
 Gettleman, Alan G.
 Shepanek, Marc A.
 Solomon, Roger
 Williams, Richard S.

NASA-Johnson

Brandt, Keith
 Huss, Mimi
 Paul, Bonnie
 Polk, J.D.
 Reese, Jacqueline
 Richardson, Romie N.
 Tucker, Russ B.

NASA-Kennedy

Bell, Patrick W.
 Bergstrom, Gary I.
 Burkett, Darren J.
 Meyers, Jeff
 Marrine, Susan E.
 Salib, Violet W.
 Sherwood, John W.

NASA-Langley

Ficklin, Carter
 Cowin, Patricia G.
 Johnston, Roger W.
 Merritt, Kim D.

NASA-Dryden

Christian, Kathleen A.
 Fuselier, Daniel

NASA-Marshall

Thaxton, David L.

NASA-Ames
 King, David B.

NASA-Goddard
 Hanley, Laurie J.

NASA-Jet Propulsion Lab
 Degelsmith, Steve

US Navy
 Reindquist, John

Mississippi Space
 Services/Team MSS

Boston, Barbara
 Cheng, Eva
 Costolo, Elaine M.
 Cuevas, Cammie R.
 Dean, Yonn T
 Donohoe, Timothy
 Latil, Jennifer S.
 Litchenstein, Michele
 Loveless, Becky
 Luckie, Ross
 Marsella, Marion A.
 McCullough, Patricia
 McFarland, Wesley L.
 Oliver, Kevin A.
 Pryor, Porter J.
 Roberts, Mary
 Sedmak, Molly
 Shaffette, Wendy
 Smith, Sue L.
 Strand, Rebea J.
 Surpass, Laura
 Uzel, Dana

**Stennis Space Center
 Hurricane Katrina Test
 Complex Rideout and
 Recovery Team**

"For outstanding contributions to protect and ensure the health of Stennis Space Center rocket propulsion test facilities in the aftermath of Hurricane Katrina."

NASA

Powell, Christine A.
 Sewell, Dale L.

NASA Test Operations
 Group

Bakker, Henry John
 Banka, Paula
 Bennett, Gary L.
 Bourgeois, Deborah A.
 Davis, Billy S.

Davis, John C.
 Delcuze, Tim T.
 Duggan, Jerry J.
 Fendley, Susan K.
 Fulton, Diane T.
 Fulton, Keith B.
 Gallagher, Kerry J.
 Guillot, Brianne C.
 Harriel, David W.
 Helveston, Robert L.
 Hobgood, Barbara D.
 Jordan, Gloria J.
 Knight, Jody G.
 Lewis, Jerry C.
 McCardle, Ora Sammy
 Mirandy, Jim R.
 Morgan, Ken L.
 Pearson, Todd A.
 Riley, Vernon
 Robley, Doug R.
 Rose, Steve E.
 Saucier, Robert Jason
 Schwer, Bob J.
 Slade, Michael E.
 Strausbaugh, Steven J.
 Subat, Mary Lisa
 Van Peski, Roberto F.
 Vanderklis, Eric W.
 Vieagas, Bryan P.
 Wilkinson, Rodney J.
 Worden, Jim B.

Pratt & Whitney Rocketdyne

Anderson, Edward N.
 Clemens, Jonathan W.
 Davis, William G.
 Ewers, Don E. (KSC)
 Foster, Edward W (KSC)
 Johnson, Jeffrey S.
 McConnell, David P.
 McDaniel, Michael
 McDaniel, Michael E.
 McLain, William B.
 Scardino, Matthew J.
 Witt, Michael J.

PWR-Canoga Park

Bouchard, Robert D.
 Caldwell, Kenneth R.
 Creps, Gary M.
 Crofford, Terisa A.
 Holmes, Kenneth L.
 Johnson, Robert
 Maas, Robert
 Martin, Richard D.
 Miller, Michael D.
 Nevarez, Ivan M.
 Roseinger, Scott
 Stafford, Paul
 Vetter, Mark

PWR-West Palm Beach

Giesler, Geoffrey V.
 Holton, Tony
 McMonagle, Don
 Testani, Harry
 Weaver, Kathleen

PWR-Marshall Space
 Flight Center

Choate, Tab N.
 Choyke, Keith
 Myers, Michelle R.
 Strickland, Bob
 Tibbets, Ryan

**Stennis Space Center
 Hurricane Katrina
 Shelter Managers**

"For extraordinary service in managing the emergency evacuation shelters at Stennis Space Center during the Hurricane Katrina emergency."

Mississippi Space
 Services/Team MSS

Calder, Ethan W.
 Carpenter, Marla A.
 Davis, Billy S.
 Johnson, Raymond L.
 King, Marsha
 Ladner, Catriona M.
 Ladner, Richard O.
 McGrath, Benjamin A.
 Necaize, Jimmy E.
 Stogner, Jeanette M.

US Navy/NAVOCEANO

Bradley, Gisele

US Navy/NRL

Guice, John

SAIC/National Data Buoy
 Center

Bunol, Edward J.

Pratt & Whitney Rocketdyne

McDaniel, Michael E.

NOAA/National Data
 Buoy Center

Burnett, Bill

University of Southern
 Miss. Department of
 Marine Science

Roman, Don

US Geological Survey

Gardener, Jerry
 Wheat, Johnny

George Gauld, early surveyor of Hancock County

Editor's Note: This is the second installment of a column dedicated to the history of the area surrounding Stennis Space Center written by archeologist Dr. Marco Giardino, of NASA's New Business Development Office at SSC.

When George Gauld surveyed the branches of the Pearl River around 1769, he recorded no European settlements on the East Pearl River in Hancock County, with the exception of the Jean Claude Favre Claim, which had been granted in 1767.

As the American Revolution progressed in the northeast, many British citizens, veterans and loyal Tories found a safer haven in British West Florida and began settling in considerable numbers along the entire Mississippi, Alabama and Florida Gulf Coast.

Gauld's land grant in Hancock County consisted of 2,000 acres "on the Northeast side of the East Branch of the Pearl River about seven leagues the Mouth" (Abstract of British Grants of Land in West Florida, 1766-1767, volume 15). In 1810, Ambrose Gaines received 500 arpents from the Spanish government and resided in the area that would eventually be named after him. The older British grants along the river were ignored, dismissed and otherwise erased from the Spanish deed books. Consequently, George Gauld's ownership of Gainesville has taken a back seat in most local historic accounts to that of Ambrose Gaines.

The location of the Gauld claim was confirmed through a process developed at NASA that uses common points to fuse historic maps and plats to modern aerial and satellite photography. The process, called co-registration, began with digitizing the original Gauld plat, including the survey coordinates and a 1954 black



This 1936 plat conforms to the original plan of the town of Gainesville, made about the year 1837.

and white aerial photograph taken over the Gainesville site. Using specialized software, the plat was compared to the aerial photograph to identify features common to both, such as river bends and tributaries. The results were checked against both the original survey coordinates and the modern latitude and longitude of Gainesville. In this way, we became convinced that the original Gauld Plat was located directly on the site that would become Gainesville.

March is National Women's History Month

This year's National Women's History Month theme: "Women: Builders of Communities and Dreams,"

honors the spirit of possibility and hope set in motion by generations of women in their creation of communities and their encouragement of dreams.

The diversity of women over the past few decades and their ability to overcome prejudices after what seemed like impossible odds has helped to create the

communities we know today and realize dreams that were once thought unreachable. Whether it is a

woman who runs a Fortune 500 company or a mother who tucks her child in at night, we all know extraordinary women who are sources of encouragement. Please join

us in honoring the contributions of these and other women whose dreams have built the communities we enjoy today.

From the
**Office of Diversity
and Equal Opportunity**

EFFORTS

Continued from Page 3



NASA Test Operations Group employee Todd Pearson works on a generator at Stennis Space Center's high-pressure water facility that helped supply power to the site during the aftermath of Hurricane Katrina.

"They were working through the night, working through problems they encountered along the way," Sewell said. "In the back of their minds, they had to deal with the fact that many of their homes had been destroyed and everything was gone."

"We had to really do some regrouping, but we all pulled together to do what we had to do," said Rodney Wilkinson, a member of the water facility ride-out crew. Following the storm, Wilkinson combed SSC's massive warehouse with a flashlight to find crucial generator parts.

With the test complex secured, the crews worked on providing power to SSC's administrative complex and as many other buildings as their generators could support.

"It amazes me how people out here work together," said Eric Vanderklis, a member of the water facility ride-out crew. "The employees sacrificed a lot to be here at work, but NASA enabled us to do that."

The test complex ride-out crew included: NASA Test Operations Group employees Tim Delcuze, Rodney Wilkinson, Todd Pearson, John Davis, Steve Strausbaugh and Eric Vanderklis at the industrial high-pressure water facility; Jason Saucier and Jerry Duggan at the high-pressure gas facility; Billy Davis and Jerry Lewis at the cryogenic storage facility; and Mississippi Space Services employees Alan Phillips, Paul Byrd and Steve Wischer on the high-voltage crew.

Hail & Farewell

NASA welcomes the following to SSC:
Robyn Calliham, contract specialist, support services,
Business Management Directorate

AROUND NASA

■ **Johnson Space Center:** After 18 months of intense training, NASA's latest astronaut candidates now are officially astronauts. The class of 11 includes three educator astronauts selected from teachers across the nation. This is NASA's first astronaut class focused from the start on realizing the Vision for Space Exploration, America's long-term exploration strategy that includes extending a human presence across the solar system.

The new astronauts' immediate duties include support roles in the space shuttle and space station programs, positions in robotics and spaceflight medicine.

■ **Marshall Space Flight Center:** A space shuttle solid rocket test motor was fired Thursday, Feb. 16, at the Marshall Center. Initial indications are that the subscale test motor performed successfully in the 19-second test and that all data acquisition systems were fully functional. Engineers will continue evaluating the test data and final test results will be available in several weeks. The 252-inch-long, 24-inch-diameter motor is a low-cost test bed that can help validate new insulation materials to be used in full-scale space shuttle reusable solid rocket motors.

■ **Langley Research Center:** NASA-developed wind tunnel technology is being used by the aviation industry to perfect new airplane designs throughout the entire development process. Even small improvements in performance of a high-lift system can significantly improve the take-off field length, weight carrying capability and range of a transport aircraft. The improvements can also help reduce aircraft noise.

The National Transonic Facility at Langley is a unique wind tunnel developed by NASA that uses super cold nitrogen gas at high pressure to duplicate true flight aerodynamics. It can accommodate models as small as one-fiftieth the size of the actual aircraft. Unlike conventional wind tunnels, this facility can adjust the characteristics of the airflow to match the size of the model. Results help engineers determine how new designs will work on real planes in flight.

■ **Ames Research Center:** Tests to help in development of NASA's new spaceship to support the Vision for Space Exploration begin this week at NASA Ames Research Center in California's Silicon Valley.

NASA Ames' wind tunnel tests of the CEV crew capsule model will simulate airflow and temperature changes the capsule would experience in atmospheric flight. The tests are among the first steps that NASA Ames is taking to help develop a new space travel system that will return human beings to the moon and support later missions to Mars. NASA facilities across the nation also are taking part in the development effort.

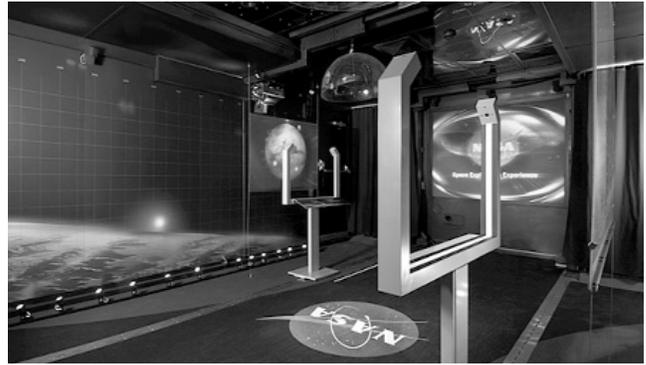
National Space Exploration traveling exhibit at StenniSphere for limited time

NASA's Vision for Space Exploration Exhibit will be stopping at StenniSphere for three days as part of its national tour. School groups, as well as the general public, are invited to attend.

The Experience:

Enter a cosmic waiting area where you'll learn what you'll need to travel to the moon and Mars. After the "training session," floating 3-D models of the moon and Mars will allow you to choose a destination. The history of NASA's research on the moon and Mars, and future plans for exploration are part of the program.

A three-dimensional theater features a presentation on the Vision for Space Exploration, with a "window" to a journey to otherworldly destinations. You'll experience environments in other parts of our solar system, and then vir-



tually "walk" on the surfaces of the moon and Mars before returning to Earth.

The exhibit is open to school groups April 3-4 and the general public on April 5. For more information, call (228) 688-2370 or (800) 237-1821.



Astro Camp Saturday

Due to increased participation in Astro Camp Saturday, an additional session of "What's in the Night Sky?" will be offered 8:30 a.m.-4 p.m. April 29 at StenniSphere. Cost is \$30 per camper and includes lunch. A \$15 deposit is required.

Summer Astro Camp

Crew members will embark on a weeklong adventure, learning about NASA's future in space exploration and the frontiers we plan to visit. Cost is \$150 per camper and includes supplies, lunch and snacks.

7- to 9-year olds:

June 5-9, June 12-16, June 19-23, June 26-30

10- to 12-year-olds:

July 10-14, July 17-21, July 24-28

New for 13- to 15-year-olds: Astro Camp Plus

Coming soon! Designed especially for 13- to 15-year-olds, with two one-week sessions being planned. This camp will include hands-on and computer learning experiences, on-site field trips and fun presentations by SSC engineers and scientists. Stay tuned for more information.

For more information about Astro Camp, call (228) 688-7623 or (800) 237-1821 (Option 4) or visit:

<http://education.ssc.nasa.gov/astrocamp.asp>

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